Operating instructions

VHS
PAL

SHOWVIEW

233–026226.032

LOEWE *systems*

Everyday Operation

First Installation

First connect the aerial, then plug-in the mains supply. Programme search starts immediately. See "First Installation" pages 16, 17.

Switch On/Off

On the set or on the remote control.

TIMER — If you have stored timer recordings.

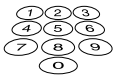
TV Set and Video Program

AV — Set the TV set to the program position provided for a video recorder. See "Automatic Installation" page 17.

The VTR/TV switch on the remote control must be set to VTR to allow control of the recorder!

If you switch off the recorder, it will not be separated from the mains supply. If you want to separate it from mains supply, you will have to disconnect the mains connection.

Select Stations



Select stations directly. Use the number buttons to enter station numbers. Two digit numbers need to be entered almost simultaneously.

Select stations upward or downward. Numbers of unstored stations cannot be selected.

The station list shows you the stored programmes, see page 14.

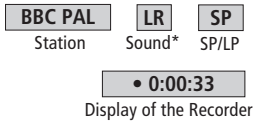
Select Sound*

AUDIO — If you hear two languages at the same time, select a language version:

L R	Both HiFi tracks (stereo).
L –	Left HiFi track (1st sound).
– R	Right HiFi track (2nd sound).
– –	Standard mono track (all VHS recorders can play it back, mono / sound 1).

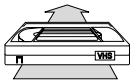
Status Information

OSD



Slide the cover of the remote control to its open position to reach the small buttons. Status information on/off see "OSD" page 11.

Cassettes



Insert cassette.

Insert a VHS cassette by gently sliding it into the compartment until the recorder inserts it automatically.
If the cassette is protected against erasing, the recorder will immediately start playing it back.

CASS (on the recorder) — The video recorder ejects the cassette at any time. You can then remove it.

You can protect your cassette against accidental erasing. On the rear of the cassette you will find an opening covered with a protection tab.
If you snap this tab no additional recording can be made onto this cassette.
In order to enable renewed recording, adhesive tape must be used to cover the opening of the cassette.

To allow the exact calculation of the remaining playing time of the cassette, the videorecorder has to know the total playing time of the cassette. This time is part of the cassette's name, e.g. E180, E195, E240 ...

To enter the length switch to «Main Menu», to «Settings», to «VTR functions» and select line «Tape Length».
«◄E180» stands for a length of 180 minutes or less and «E260►» 260 minutes or more.

Everyday Operation

Playback

Set the TV set to the program position provided for a video recorder.

The recorder plays back the cassette.

Still image / Pause for short interruptions (on/off).

Stop.

R 0:15:35

For continuous play press ▶ for more than 5 seconds. The recorder will playback the recorded part of the cassette continuously, until ■ is pressed.

Disturbances during playback of cassettes which were recorded by another video recorder can be removed: ↑ / ↓ (tracking), press ↑ and ↓ simultaneously to return to automatic.

Pause, still image and slow motion are stopped automatically after 5 minutes to protect the cassette and the video heads.

Still image and slow motion come without sound. If the image flickers, adjust it with: ↑ / ↓ .

Once the end of the cassette is reached, it will be rewound automatically.

For transmission standards see "TV System" page 11.

Slow Motion

Switch to play mode

Slow motion for detailed viewing of certain scenes.

Slow Fast Forward/Rewind

Switch to play mode

Search for locating certain scenes (visible).

If you keep the slow fast forward/rewind button pressed, the image search continues until it is released (back to playmode).

Fast Forward/Rewind

Select stop mode

Fast forward or rewind.

During fast forward/rewind you can press the button again. Keep it pressed to switch to slow fast forward or rewind. Release the button to continue fast forward/rewinding.

Cassettes recorded in LP can be distorted during the special playback functions. This is due to system limitations.

Locating Scenes

Index search for fast location of the next respectively previous position of a recording.

Use the tape counter, which is accurate to the second, or the remaining time display for orientation.

1 x	Counter	VIDEO ▷ 0:11:13
2 x	Remaining Time	VIDEO REMAIN ▷ 1:03
3 x	Clock	VIDEO ▷ 16:15

The index system of your recorder automatically marks the beginning of each recording or timer recording electronically. Additional marks can be set during the recording by pressing ● + ▶.

Use the buttons ⏮ / ⏭ in order to place up to 20 index marks whilst in fast forward or rewinding.

The tape counter only counts recorded parts of the tape. Reset it by inserting a cassette or by pressing 0000 (e.g. «-0:03:50» is ahead of «0:00:00»).

The remaining time display is calculated once the cassette is inserted, see "Cassettes" page 2.

Recording

Select the station number or the input according to the connected sets (including AV in: A1, A2).

For extremely long recordings double the remaining time.

Start by keeping button ● pressed and then press button ▶.

For short interruptions, e.g. switching station. Press again to continue the recording.

For additional index marks. See "Locating Scenes" page 3

Stop.

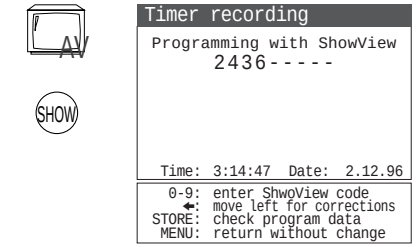
Index marks must be at least 3 minutes apart (LP : 5 min.).

The video recorder automatically switches to non record after 5 minutes in pause mode, in order to protect the cassette and the video heads.

During a recording you can switch off your TV set or watch another station.

The recorder* always records all the available sounds. Stereo/bilingual to the HiFi tracks, mono / sound 1 to the standard track.

ShowView Timer



Enter the number of the broadcast which is stated in the TV-magazine.

Corrections

Store/check.

Timer stand-by, ◷ appears in the display of the recorder!

When a station is used for timer programming for the first time, the recorder will ask for the corresponding station number. Enter it with ↑ / ↓ (also possible A1/A2).

If you decide to use VPS/PDC, the start time of the recording must be correct, see "Timer" page 9.

When an error indication appears, check number, time and date, see "Change or Cancel Timer" page 10.

In order not to store, exit menus with ■ (EXIT).

CS 6004: AUDIO button has no function.

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Working together

Welcome

Thank you
for deciding to purchase a Loewe product.
We are pleased to welcome you as a client.

Loewe systems products offer sophisticated technology, design and ease of use. This applies to TV, video, hifi components and accessories.
Our approach is not one of technology or design for its own sake. We strive to give our clients the maximum in visual and audio pleasure.

Our designs never follow short-term fashion trends. After all, you have purchased a piece of highest quality equipment, you do not want something which dates after only a short time.

About this Manual

To acces the functions described in this manual press the button shown on the left of the explanation.

Button	Explanation
(X)	Store data

To check you actions the display line is represented in « ».
The remote control pictures show those buttons marked that are used in the described chapter.
Notes marked with * do not apply to the mono video recorder Centros 6004M.

Safety

For your own safety and to prevent unnecessary damage you should protect your cassettes and your video recorder from the following:

- water and humidity
- Unnecessary knocks and loads
- magnetic and electrical fields
- cold, heat and great fluctuation in temperature
- dust
- obstructing the ventilation
- unqualified tampering.

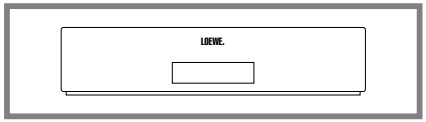
We have designed your new video recorder strictly for use in the domestic environment. Your guarantee covers normal use of the equipment.

Any repair should be carried out by Loewe Service dealer only.

Information on battery disposal:
Do not throw used batteries in household waste.
Hand them in at a collection point for old batteries (e.g. battery collection box at the dealers) or at the special waste depot.

Read this operation manual and try out the features of your new video recorder to get to know it better.

Install the recorder horizontally and ensure that there is enough free space for ventilation.



If you have connected a Loewe TV set via a Euro-AV lead, the video recorder can be hidden, e.g. behind a cabinet door. The TV set will then transmit all commands of the remote control to the recorder. By using the Digital Link System (see "Accessories" page 18), you can control recording and playback via an additonal Loewe TV set.

If the video recorder is brought from a cold to a warm environment, leave it unused for about one hour because of possible condensation. Switch it on when room temperature has been reached. This prevents any damage to recorder or cassette.

Only clean the set with a slightly moist, soft and clean cloth (without any acid cleaning detergents).

With Remote Control

VTR Mode

The remote control includes al necessary buttons to control the video recorder (except the one to eject the cassette).
Set the switch VTR/TV to VTR.
Buttons which are needed less frequently are behind the lower cover of the remote control.

Always point the remote control into the direction of the recorder when pressing a button (except to Loewe TV set connected via Euro-AV lead).

To change the batteries, slide the lower cover open and press a small screw driver into the slot (at the position indicated by the arrow) in order to access batteries. The cover can be removed.
Insert new batteries of the type Alkali Mangan CR 03 (AAA) and make sure polarity is correct (+ and –).

TV Mode

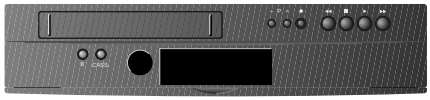
You can also use the remote control to control Loewe TV sets with teletext. If you set the VTR/TV switch to TV, you can control most important TV functions, such as number and colour buttons.
The inscriptions (onward beside the buttons) correspond to the remote control of your Loewe TV set.

↑ / ↓	select station
← / →	volume
STORE	station list

With some models not all buttons are functional.

Without Remote Control

Even without remote control you can use your video recorder for playback. The buttons are behind the front cover.



⏻	video recorder on/off
▶	playback
▶▶ / ◀◀	fast forward/rewind
■	stop
– P +	select station
●	record
	Recording will start immediately after you have pressed ●.
CASS	eject cassette

Display of the VTR

If you do not need the display on the recorder while it is switched off, you can turn it off or reduce its brightness. This is a good way to reduce the power consumption: ON: 5.5 W, DARK: 4.5 W, OFF: 2.5 W.

Switch in the «Main Menu» to «Settings», to «VTR functions» and select line «VTR display» and change with buttons ← / →.

Good Connections

Input

Input to record from:
- camcorders
- other video recorders
- laserdisc players
- CD-I players
- TV sets
- satellite receivers
- CD-players
- DAT, MD, MCC, audio cassette, recorders etc.

In «Main Menu» to «Settings» to «VTR functions» (page 13) select the line «AV2 Connection» and switch with ↑ / ↓ to «EXT».

If a (satellite) receiver is connected to socket AV1/AV2, the timer can also use VPS/PDC.

Outputs

Outputs to copy to:
- TV sets
- other video recorders ...
- Hifi systems*, Surround Sound systems* DAT, MD, CC recorders ...

The output will always feature the station you have selected with the number buttons, ↑ / ↓ or AV or the playback picture.

If a TV set does not feature a Euro-AV socket (for playback) or cinch sockets* (AUDIO IN), you will need a special connection lead which can be obtained from your Loewe Service dealer.

Decoder

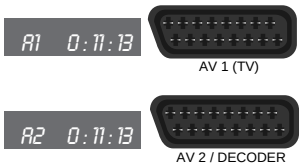
In the «Main Menu» to «Settings» to «VTR functions» select the line «AV2 Connection» and swith with ↑ / ↓ to «DECODER».

Additionally, each corresponding station needs a setting in the station list which activates the decoder automatically as soon as you select the Pay-TV station or program a timer recording, see "Pay-TV and Decoder" page 13.

If your TV set is connected to the video recorder via a Euro-AV lead, it can also use the decoder.
Just select the corresponding station.
The recorder must then remain switched off.

If you are interested in a pay TV and a normal programme simultaneously, you need to record the pay TV program whilst watching the other TV program.

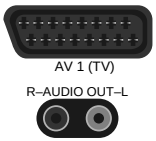
Input AV1 and AV2



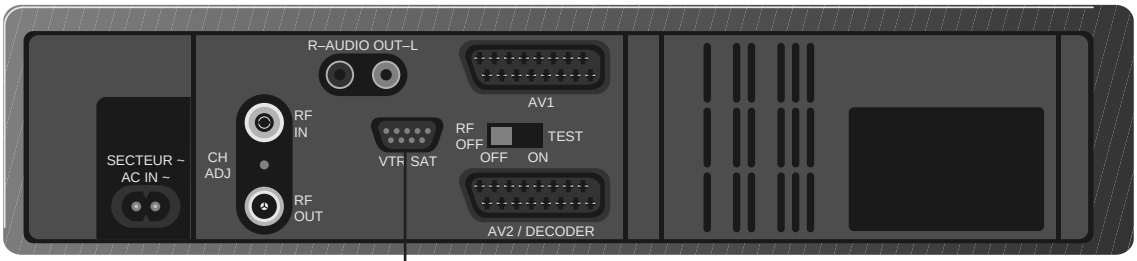
Output AV1 (to TV)

image and sound

only sound*



«EXT»: Input AV2
«DECODER»: Decoder connection



For satellite tuner VTR sat.

Also refer to the operating manuals of the sets you want to connect. There might be several ways to connect each set.
Euro-AV lead see page 16.

Advice, Settings

Timer

During timer stand-by, the recorder is protected against accidental operation. You can only operate it after pressing the TIMER button. Please do not forget to activate the timer stand-by with the button TIMER afterwards!
During a timer recording, the TIMER button stops the recording.

VPS or PDC is a service provided by broadcasting stations. It allows perfectly timed timer recordings even when broadcasts delayed. They transmit additional signals which control the start and the end of the recording. The start times are the VPS/PDC times. Please enter exact times.
If a station offers VPS/PDC, «VPS/PDC ON» will appear in the timer menu (once the station has been selected).

If the entered start time is different from the VPS/PDC time, you will have to switch off VPS/PDC. Otherwise the recorder will not record at all.

If you switch to timer stand-by without having stored any timer program, ◳ will flash in the display of the video recorder.
If a protected cassette is inserted, ⊙⊙ and ◳ flashes.

After the recording (or at 4 a.m. the next day) the recorder will erase the remaining data. If no further timer program is stored, the timer stand-by is ended.

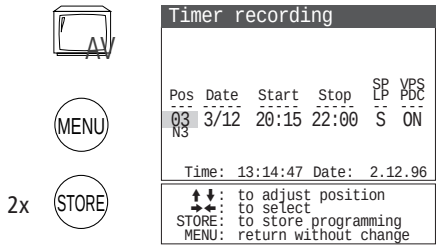
If the broadcast station transmits a PDC/VPS label to suspend recording of some programmes, the recording data may still remain in the memory even after recording is completed.
Please cancel the programming manually. See "Change or Cancel Timer" page 10.

For daily or weekly repeat recordings, select date in the timer menu and keep ↑ or ↓ pressed until the weekdays are displayed.
E.g. to select a weekly recording every Tuesday select «Tu». To record daily from Monday to Friday, select «Mo-Fr».

You can also use VPS/PDC when recording from a TV set (with satellite tuner) connected to socket AV1, or when recording from a receiver connected to socket AV2.

To record a satellite broadcast from a connected receiver, select the corresponding input A1 respectevely A2 at «Pos» in the menu and leave the receiver switched on with the desired station.

Timer Recordings



Position for input or correction

«Pos»: program or input for a connected set
«Date»: up to 1 month ahead
«Start»: beginning of the broadcast
«Stop»: end of the broadcast
«LP»: double the remaining time for extremely long recordings
«VPS/PDC»: the automatic time control

STORE — Store data

MENU — Exit menus

TIMER — Timer stand-by, ◳ in the display of the recorder!

For fast setting keep ↑ / ↓ pressed.

You can also enter data by using the number buttons.

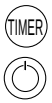
If you want to use the video recorder while it is in timer stand-by mode, switch it on/off by using TIMER button.

Advice, Settings

Change or Cancel Timer

Timer programs can be checked, changed or deleted:

Set the TV set to the program position provided for a video recorder.



Switch on the recorder with TIMER or ⏻ and ...

... call the station list with MENU and STORE.

```
Timer recording
                                  SP  VPS
Pos Name  Date Start Stop        LP  PDC
--- ----- ---- ----- ----- ----- --- ---
 1  ARD   12.1. 20:00 20:15  S   ON
17  EURO  13.1. 17:00 20:00  S   OFF
 5  WDR   15.1. 8:00  11:00  S   ON
--  ----- ----- ----- ----- --- ---
--  ----- ----- ----- ----- --- ---
--  ----- ----- ----- ----- --- ---
--  ----- ----- ----- ----- --- ---
--  ----- ----- ----- ----- --- ---
Time:3:14:47  Date:2.12.96

  ↑↓:  select
  →←:  programming, change
CANCEL: delete
  MENU: return without change
```

CANCEL = button ←

Check the programmed recordings.
To change one, select it with ↑ / ↓ and STORE.
To delete on, select it with ↑ / ↓ and delete it with button ← (CANCEL).

Loewe TV and Recorder

If connected to a Loewe TV set with IDC Plus control, your video recorder can be controlled via the remote control of your TV set (only with Euro-AV connection). This is particulary useful with the Digital Link System. See "Accessories" page 18. It allows you to use the video recorder for recording and playback whilst controlling and watching its stations from another room.

In the TV menu to «Video» select the line «Record/ Playback» and then press menu button. This offers you the control buttons of the video recorder:

```
AV1 : Stop
AV2 : Stop
```

```
<<    Stop   Play   >>
On/Off Record Pause AUX
```

Attention: Press the buttons briefly.

The Loewe TV set with IDC Plus can also control the video recorder for timer recordings particulary useful if the TV set includes a satellite tuner).

Use button AV to switch the recorder to AV1 (visible A1).

In the TV menu to «Video» select the line «VCR programming». This offers you the timer of the video recorder:

```
VCR programming

Program   Start Stop  Date  VPS  AV
  ---      --:-- --:--  --.--  ---  --
  ---      --:-- --:--  --.--  ---  --
  ---      --:-- --:--  --.--  ---  --
```

```
+   Position
-   On/off
X   Store
0-9 Entry
```

Sat with ShowView

The satellite tuner VTR Sat which can be fully integrated, is the perfect solution with optimised comfort for your recorder. Nevertheless you can use the ShowView timer to record stations from a Sat-TV-set connected to socket AV1 or from a Sat-receiver connected to socket A2. Even if they do not feature their own timer.

If the Sat-receiver can only be connected via an antenna lead (no stereo*), enter the station number of the Sat-receiver in the timer under «Pos» (see «ShowView Timer" page 4), regardless of which program station you want to record.

```
Timer recording
   Programming with ShowView
        2436-----
                                  SP  VPS
Pos  Date  Start  Stop           LP  PDC
---  ----  -----  -----          --  ---
--   3/12  20:15  22:00          S   ---
---  ----  -----  -----          --  ---
---  ----  -----  -----          --  ---
  Time:  3:14:47  Date:  2.12.96

  ↑↓:  to adjust position
  →←:  to select
STORE:  to store programming
 MENU:  return without change
```

If the Sat-TV set or Sat-receiver is connected via a Euro-AV lead, enter AV1 (respectively AV2) in the timer under «Pos», again regardless of which satellite station you want to record.

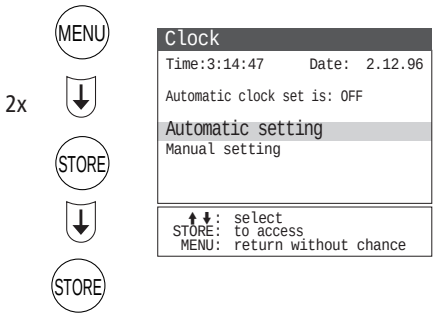
Leave the Sat-receiver switched on and set it to the desired station.

Many Loewe TV sets are equipped with a recording timer see "Loewe TV and Recorder".

Date and Time

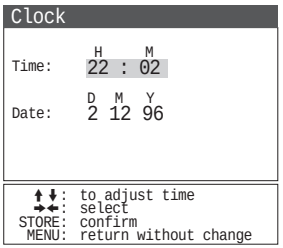
For timer recordings the correct date and exact time are required.

Use the line «Clock» in the menu «Settings».



Press STORE button for «Automatic setting». After clock and date have been set exit menus with MENU button.

If clock and date have not been set, the recorder switches to «Manual setting».



↑ / ↓ to adjust time

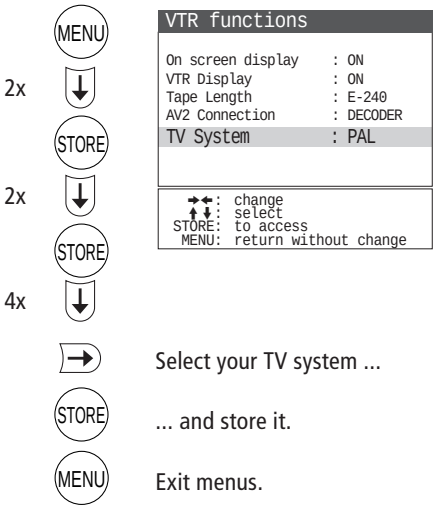
You can also use the number buttons to enter values.
If you keep ↑ / ↓ pressed, the numbers will change rapidly.
← / → position for input or correction

Store with STORE button and exit menus with MENU button.

TV System

Your video recorder can receive broadcasts in PAL B/G and SECAM B/G (MESECAM).
It will record the broadcasted transmission standard automatically.

If you want to playback in another transmission standard, switch to «Main Menu», to «Settings», to «VTR functions» and select line «TV system».



Please do not forget to switch back to PAL later if necessary!

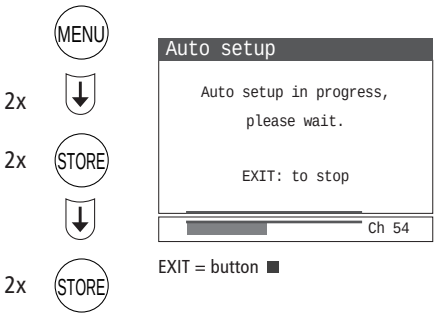
On Screen Displays

If you want to switch on or off the status displays on the screen, which are always shown when changing a station or using a tape function, e.g. for copying, switch the «Main Menu» to «Settings», to «VTR functions» and select line «On screen display: ON/OFF» (see above) and change with the buttons ← / →.

Locate Stations

New Station List

Switch to «Main Menu» to «Settings» to «Tuning» and select line «Auto setup restart».



EXIT = button ■

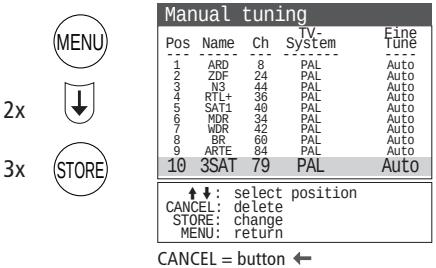
An automatic station search creates a completely new station table which contains all stations which can be received, including all stations the recorder can receive with its satellite tuner which is available as accessory. It only requires correct antenna connections.

The video recorder replaces the stations which were stored previously.

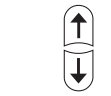
Use "Locate New Stations" to locate single stations or adjust special settings for each installed station (see opposite). This might be necessary for individual settings or required for special reception.

Locate New Stations

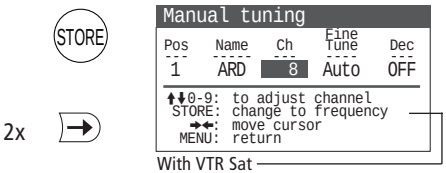
Switch to «Main Menu», to «Settings» to «Tuning» and select line «Manual».



CANCEL = button ←

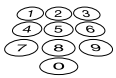


Move to new position of desired program.



2x

With VTR Sat



If you know the channel number of the station enter it ...

... otherwise start the search.

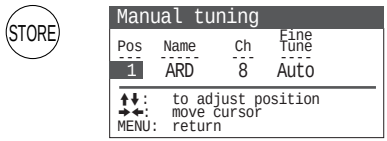
Exit the menus.

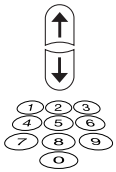
Due to accuracy of automatic tuning, fine tuning (with →) is hardly ever necessary.

Sorting and Canceling

Switch to «Main Menu», to «Settings», to «Tuning» and select line «Manual»

Determine the station number to be changed.





Select the new position or enter it.

Back to manual tuning table.

Exit the menus.

It is useful to sort the stations so that TV and video recorder station numbers are same.

The video recorder just swaps the positions of the stations, without deleting any of them. Continue to swap the stations until they are stored in the same order as they are on the TV set.

Delete stations which are stored several times or those with disturbances, in the «Station list» (see "Locate New Stations") with ← (button CANCEL).

Pay-TV and Decoder

If you have connected a Pay-TV decoder to socket AV2 (DECODER), see "Decoder" on page 8, you will have to activate it for the corresponding stations:

MENU — Switch to «Main Menu» to «Settings», to «Tuning» and select the line «Manual».

2x ↓

3x STORE

↑↓ — Select the encoded station.

STORE

→ — Move to «Dec».

```
Manual tuning
Pos  Name   Ch  Fine Tune  Dec
---  -----  --  ---------  ---
 1   PREM    7     Auto     ON
     ↑↓: to select ON/OFF
     →←: move cursor
   MENU: return
```

↑ — Switch to «ON».

MENU — Exit the menus.

Station Names

Switch to «Main Menu», to «Settings», to «Tuning» and select the line «Manual» see opposite.

↑↓ STORE — Determine the station number to be changed.

→ — Move to «Name».

```
A B C D E F G H I J
K L M N O P Q R S T
U V W X Y Z * - +
0 1 2 3 4 5 6 7 8 9
```

STORE

```
Manual tuning
Pos  Name   Ch  Fine Tune
---  -----  --  ---------
 1   ARD     8     Auto

STORE  :confirm
↑↓→←   :select
MENU   :return without change
```

↑↓←→ — Select the characters (max 5) and ...

STORE — ... Confirm each

MENU — Exit the menus.

Your video recorder will store the names of the stations automatically only if station name is broadcasted.
The space bar is positioned between the «Z» and the «*».

Locate Stations

Satellite Tuner

The satellite accessory VTR Sat 1 gives you access to a great number of additonal stations without having to control another set. See "Accessories" page 18.

The satellite tuner offers total comfort because it is fully integrated into the control of the video recorder and most recent technology. It is connected to the rear of the video recorder.

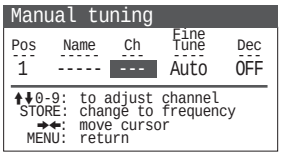
If video recorder and TV-set are equipped with satellite tuners, you have the same comfort e.g. recording while watching another station as with a cable antenna system (which is always possible as well).

With the satellite tuner, you can receive programs from various satellites but different satellites sometimes require different settings.

With the automatic station search (see "New Station List" page 12), the settings which you apply will be valid for all programs you find. This is practical with the popular satellites Astra, etc., but can mean that you will in some individual cases have to correct at least the sound, see opposite.

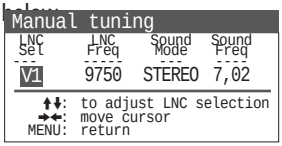
Next you search for individual programs and apply special settings, according to program number, for special reception conditions and special satellites.

Switch the «Main Menu» to «Settings», to «Tuning», to «Manual» and select «Ch».



STORE — switch to «Frequ»

1 2 3 4 5 6 7 8 9 0 — Enter the frequency.
If the right station does not appear, the selected «LNC Frequ» or the «LNC Sel» is not fitting to your dish, see below.



3x → — to adjust LNC selection

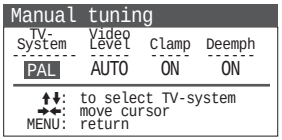
LNC Sel — Antenna selection
H1 (18 V), H2 (18 V + 22 kHz),
V1 (13 V), V2 (13 V + 22 kHz)
- - no power supply

→ LNC Freq — LNC frequency of Sat dishes mostly:
10000 (10 GHz) for older sat dishes
9750 (9,75 GhZ) for new Sat dishes
Important for the corresponding of frequency display/input «freq» and reception.

→ Sound Mode — Sound: stereo, mono 1 / 2 / J17. Stereo = R+L channel in mono for Centros 6004M

→ Sound Freq — TV sound or radio stations on additional sound channels

Go on to the third menu «Manual Tuning»



→ — Go on to the third menu «Manual Tuning»

TV-System — PAL / MESECAM

Video Level — Adjust contrast: Auto / 1 - 7

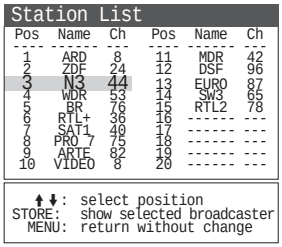
Clamp — «OFF» for certain decoders

Deemph — «OFF» for certain decoders

Station List

The station list helps to select the programs.

MENU → STORE

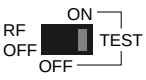

Station List
Pos Name Ch Pos Name Ch
1 ARD 8 11 MDR 42
2 ZDF 24 12 DSF 96
3 N3 44 13 EURO 87
4 WDR 53 14 SW3 65
5 BR 76 15 RTL2 78
6 RTL+ 36 16 ------ ---
7 SAT1 40 17 ------ ---
8 PRO 7 75 18 ------ ---
9 ARTE 82 19 ------ ---
10 VIDEO 8 20 ------ ---
↑↓: select position
STORE: show selected broadcaster
MENU: return without change

↑ ↓ — Select station ...

STORE — ... and call it.

Without Euro-AV Lead

If you do not have a Euro-AV lead or if your TV-set does not feature any audio/video input, your video recorder can receive images and sound from the recorder via already existing antenna (RF) connection. In this case you will have to set a station for video reception on the TV-set.



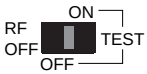
Set the switch on the rear of the recorder to TEST ON and switch on the video recorder.

Use the station setting of the TV-set to search for channel 36. An empty picture appears on screen.

If you do not see the test image or if another station causes interferences, you will have to set another available channel between 30 and 42 on the TV-set. Then use a small screw driver to slowly turn the control CH ADJ (positioned between RF IN and RF OUT) of the video recorder, until the test image can be seen.

If your TV-set only features a station search no direct channel input, it might need several attempts before the best setting.

Store this setting to a station number. This station number will always have to be selected if you want to watch image and sound coming from the video recorder.



Set the switch back to TEST OFF (RF ON).

Language Selection

You can select the language from the menu «Country Selection» (see "Automatic Installation" page 17) or separately as described in the following chapter.

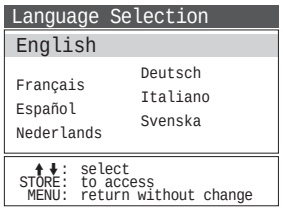
MENU — Go to «Main Menu» ...

2 x ↓ — ... to «Settings» and ...

STORE

3 x ↓ — ... to «Language Selection»

STORE



↑ ↓ — Select your language ...

STORE — ... and store.

MENU — Exit the menus.

First Installation

Antenna Lead

Remove the antenna connector from your TV set and insert it into the socket RF IN of the video recorder.
Use the enclosed antenna lead to connect the RF OUT with the antenna input of the TV set. This connection is also necessary to supply the receiver of the recorder with antenna signals.

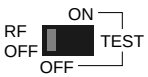
You will also have to connect the lead from the satellite antenna if you own the satellite tuner VTR Sat 1 which is available as accessory.
If your TV-set also features a satellite tuner, contact your Loewe Service as VTR Sat 1 needs an own satellite antenna connection, like a second TV-set.

Euro-AV lead

Use a Euro-AV lead (available from your Loewe Service dealer) to connect AV1 (TV) of your video recorder with the input socket of your TV set.

This connection allows you to reach optimum image and sound quality, to enjoy stereo broadcasts*, to enjoy Surround Sound with special accessories*, to reach highest level in ease of use when connected to:

- TV sets (Loewe TV sets transmit the signals from the remote control to the video recorder, even when installed behind a cover. All Loewe TV sets can control the video recorder).
- Decoders (can be shared by TV set and recorder).
- other video recorders (ease of use).



Switch RF to OFF

Set the video recorder input of your Loewe TV set to «AV!». This also allows you to watch the stations of the video recorder, even when playback or menu display is not activated.

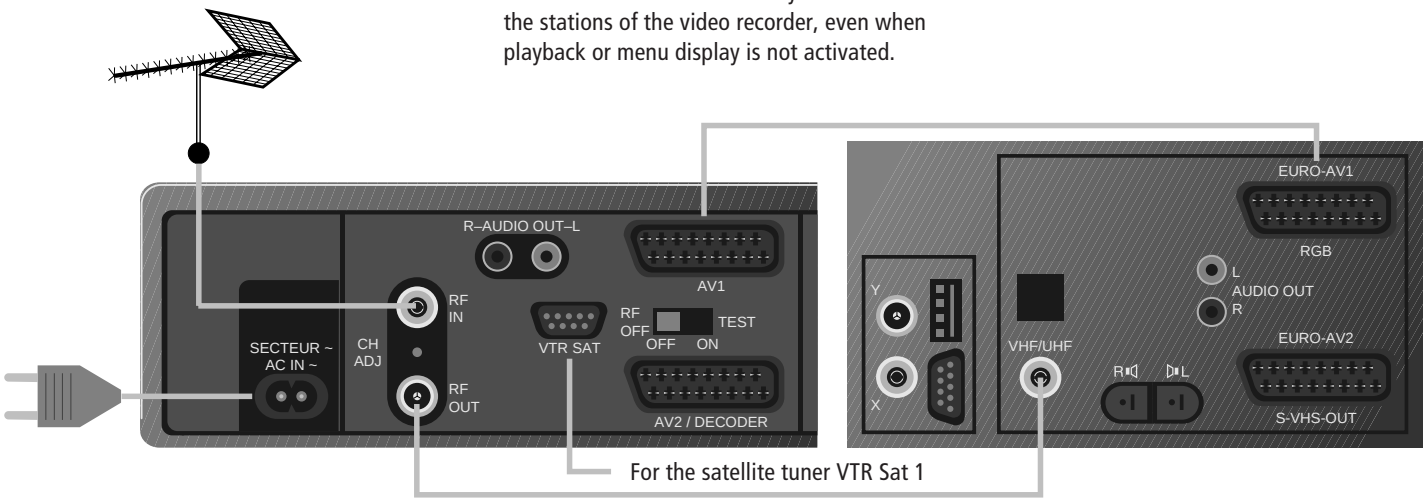
Mains Supply

You can operate your video recorder using 220 up to 240 Volt AC and 50 to 60 Hz.

If you switch off the recorder it will not be separated from the mains power. If you want to separate it from mains, you will have to disconnect it.

Attention!
Do not switch on your videorecorder with the mains switch ⏻, before all antenna leads have been connected correctly and the recorder is connected to the mains.

Switching the video recorder on for the first time will start the "Automatic Installation" (see opposite).



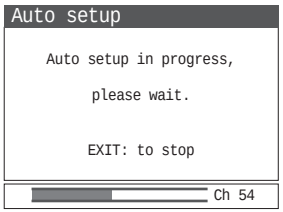
Automatic Installation

Please check all connections. Switch on the TV set.

Set the TV set to the program position provided for a video recorder, e.g. 00.

If you have connected your TV set with a Euro-AV lead, select its AV (Video-AUX) input.
If there is only an antenna connection, select the program position provided for the video. See "Without Euro-AV Lead" page 15.

The automatic installation of your video recorder will start.



EXIT = button ■

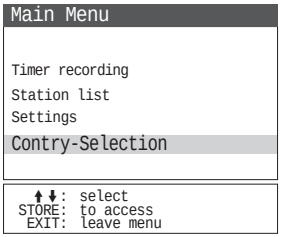
If you want to start the complete automatic setup again once your recorder has been operated, select «Main Menu», go to «Settings», switch to «Tuning» and choose the line «Auto setup restart» first.

An automatic station search creates a completely new station list which contains all stations that can be received in your area. The clock and date are set then automatically.

Select your country. This will affect the language* of the on screen displays (menus) and influence the order of the stations (e.g. BBC1 on station number 1 in United Kingdom). See also "Language Selection" on page 15.

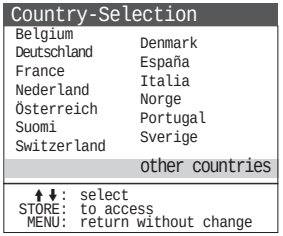
Call the main menu,...

MENU



3x ... the country selection, ...

STORE



... select your country ...

STORE

... and store.

MENU

Exit the menus.

To sort the stations and for special settings see "Sorting and Cancelling" page 12.

And finally ...

What to do, if ... ?

page

The recorder does not operate
No mains connection 16
Display switched off? 7
Timer stand-by on, ◳ in the display,
- press the button TIMER 2/9
- disconnect mains connection, reconnect after 1 minute.

Video recorder brought in form a cold environment to a warm one (condensation)?
- Wait until room temperature has been reached.

Weak image during playback
Is there any recording on the cassette?
Is the cassette of low quality or torn?
- Check another cassette.
- Adjust tracking 3

Without Euro-AV connection:
is the TV set adjusted correctly? 15

The recorder does not record
Are the TV stations stored? 12/13
Is the antenna system working?
- Check the stations on the TV set.

Is the cassette protected? 2
Is A1/2 set as station number? 4

The timer recording does not work
Are clock and date (also year) set correctly? 11
Timer stand-by with button TIMER (◳)? 9/10
Is the timer program stored completely? 9/10
Is the cassette protected? 2
ShowView:
Is the station number correct (Pos)? 4/10

The remote control does not work
Batteries empty or +/– swapped? 7
Switch VTR/TV on VTR? 7

Key Words

	page
automatic installation	17
AV	8
cancel	10
cleaning	6
counter	3
country selection	17
daily/weekly	9
decoder	8
Digital Link System	6/18
erase protection	2
Euro-AV	6/16
fine tuning	12
index	3
installation	6
language selection	15
Loewe TV	6/10
Longplay	3/4
MESECAM	11
Pay-TV	8/13
PDC/VPS	4/9
remaining time	2
RF	14/15
satellite tuner / receiver	8/9/10/14/18
security	6
select sound*	2
ShowView	4/10
slow motion	3
standard	4
station list	14
station search	12
still image	3
test picture	15
timer check	10
tracking	3
TV control	2/7
TV programming	15
TV/VTR switch	2/7
video position	15/17
VPS/PDC	4/9

Accessories

Satellite tuner VTR Sat 1
Offers total comfort because it is fully integrated into the control of the video recorder and most recent technology. It is connected to the rear of the video recorder.

Antenna packets
For single and double systems and the reception of two satellites.

Digital Link System
Enables control of Loewe video recorder from different location via Loewe TV set.

3-Year Warranty

Your Loewe systems dealer offers you a 3-year warranty and signs a warranty/service agreement with you.

- Free installation and first operation of the set at your antenna system.
- 3-year warranty (includes material, wages and travel costs).
- Europe-wide warranty good with all Loewe service dealers.
- Return of the Loewe systems warranty/service agreement to the corresponding Loewe systems country administration within 14 days of the purchase of the set, addresses see page 20.

ShowView is a trademark applied for by Gemstar Development Corporation. ShowView system is manufactured under licence from Gemstar Development Corporation.

Loewe Opta GmbH reserves the right for changes without notice.

Specifications

Centros	**6004M**
Article number	54525
Mains	220-240 V AC, 50-60 Hz
Power Consumption	about 19 W, 5.5, 4.5 or 2.5 W (standby)
Video System	4 video heads VHS-PAL, MESECAM
Audio System	Mono
Program display	
2 – 12	E2 – E12
13 – 20	A – H (Italy)
21 – 69	21 – 69
74 – 76	S1 – S3
80 – 82	M1 – M3
83 – 99	S4 – S20 (M4 – M10 / U1 – U10)
121 – 141	S21 – S41 Hyperband
RF Output	UHF CH 36 (30-42)
Operating Temperature	5-40°C
Operating Humidity	35-80%
Weight	about 4.6 kg
Dimensions	about 430 x 91 x 310 mm
Enclosed Accessories	1 antenna lead 1 remote control 2 batteries for the remote control (Alkali Mangan CR 03 / AAA) 1 mains lead
Complies To	CE/BmPT/DIN ISO 9001

Centros	**6006H / 6026H**
Article Number	54530 / 54532
Mains	220-240 V AC, 50-60 Hz
Power Consumption	about 21 W, 5.5, 4.5 or 2.5 W (standby)
Video System	4 video heads VHS-PAL, MESECAM
Audio System	HiFi, stereo/ bilingual (A2 Germany) HiFi: >90 dB dynamics 20-20000 Hz frequency range 0.005% wow and flutter NICAM (6026H)
Program display	see Centros 6004M
RF Output	UHF CH 36 (30-42)
Operating Temperature	5-40°C
Operating Humidity	35-80%
Weight	about 4.6 kg
Dimensions	about 430 x 91 x 310 mm
Enclosed Accessories	1 antenna lead 1 remote control 2 batteries for the remote control (Alkali Mangan CR 03 / AAA) 1 mains lead
Complies To	CE/BmPT/DIN ISO 9001

And finally ...

Service Addresses

Austria
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Postfach 146
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RUS-125299 Moscow
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Flamingo Complex
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M-Qormi
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N-3218 Sandefjord
Tel. 0 33-48 33 48, Fax 0 33-48 33 33

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Cleve spolka z o. o.
ul. Grunwaldzka 50
PL-62-840 Kalisz
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Videoacustica
Comercio e Representacoes de
Equipamentos Electronicos Lda
Estrada Circunvalacao Apartado 3127
P-1303 Lisboa Codex
Tel. 01-4 17 00 04, Fax 01-4 18 80 93

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E-08027 Barcelona
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Fax 03 - 3 40 12 00

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Tel. 08-7 68 05 75, Fax 08-7 68 02 10

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CH-8952 Schlieren
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Super Trading Establishment
P.O. Box 46409
Abu Dhabi - U.A.E.
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